

Abstract

The invention concerns a angular position magnetic sensor device, comprising at least one stator (1, 2) and one rotor (3), the gap between said stator (1, 2) and said rotor (3) defining a main air gap (4) wherein move at least two magnetic poles (5, 6) of alternating polarities, said stator (1, 2) including at least one secondary air gap (7, 8) wherein is placed at least one magnetosensitive element (9). The invention is characterized in that said stator (1, 2) consists of two pole shoes (1 and 2) with angular widths respectively substantially equal to 120° and 240°, and that both magnetic poles (5, 6) have each an angular width substantially equal to 120°.